

## ABSTRACT

To obtain a display device taking into consideration layout efficiency, etc., in the case of integrally forming a peripheral circuit on a glass substrate.

- Integrated on a substrate and integrally formed therewith an active-matrix
- 5 LCD section 2 having a plurality of scanning lines and a plurality of data lines formed in a grating form corresponding to dots, and active elements according to the respective intersections to perform display control using a liquid crystal by driving the scanning lines and the data lines, a row decoder 31 for selecting the scanning lines, a memory cell section 56 having memory cells that are in the number capable of storing
- 10 an image signal for display control of dots in at least one row of a display drive section and allocated corresponding to the length in the row direction of the display drive section, a column decoder section 51 for selecting a memory cell to be stored with an inputted image signal, a column selection switch section 53 switching on the basis of a selection by the column decoder section 51 and the image signal and storing
- 15 the image signal to the memory cell selected, and a k-bit DAC section 41 for driving a data line on the basis of the image signal stored in the memory cell section.

Patent 2359999